JC10 Rec'd PCT/PTO 23 MAR 2005

PTO-1390 (Rev. 02-2005)
Approved for use through 03/31/2007. OMB 0651-0021
U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. ATTORNEY'S DOCKET NUMBER TRANSMITTAL LETTER TO THE UNITED STATES CKFW-P01-012 **DESIGNATED/ELECTED OFFICE (DO/EO/US)** CER 1.5) **CONCERNING A SUBMISSION UNDER 35 U.S.C. 371** 28 INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED 26 September 2003 PCT/GB2003/004208 27 September 2002 TITLE OF INVENTION WATER-SWELLABLE POLYMERS APPLICANT(S) FOR DO/EO/US Halliday et al. Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a submission under 35 U.S.C. 374. 2. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must 3. X include items (5), (6), (9) and (21) indicated below. The US has been elected (Article 31). Х 5. A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) х is attached hereto (required only if not communicated by the International Bureau). has been communicated by the International Bureau. b. х is not required, as the application was filed in the United States Receiving Office (RO/US). 6. An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)). is attached hereto. a. b. has been previously submitted under 35 U.S.C. 154(d)(4). 7. х Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) a. are attached hereto (required only if not communicated by the International Bureau). b. have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. C. d. Х have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)). 9. An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). An English language translation of the annexes of the International Preliminary Examination Report under PCT 10. Article 36 (35 U.S.C. 371 (c)(5)). Items 11 to 20 below concern document(s) or information included: 11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. Х A preliminary amendment. 14. An Application Data Sheet under 37 CFR 1.76. 15. A substitute specification. 16. A power of attorney and/or change of address letter. 17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.

A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

A second copy of the published International Application under 35 U.S.C. 154(d)(4).

Return Receipt Postcard

Other items or information: Certificate of Express Mail

18.

19.

20.

PTO-1390 (Rev. 02-2005)
Approved for use through 03/31/2007. OMB 0651-0021
U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATIONNO. (1/LOOM) SEPARAT CER 145) 5 INTERNATIONAL APPLICATION NO. PCT/GB2003/004208						ATTORNEY'S DOCKET NUMBER CKFW-P01-012				
The following fees have been submitted					ed				CALCULATIONS	PTO USE ONLY
_								\$	300.00	
22. X E	22. x Examination fee									
If International preliminary examination report prepared by USPTO and all claims satisfy										
provisions of PCT Article 33(1)-(4)								s	200.00	
23. X Search fee									· · · · · · · · · · · · · · · · · · ·	
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority										
International	International Search Report prepared and provided to the Office\$400									
All other situations \$500 TOTAL OF 21, 22 and 23 =								\$ \$	500.00 1,000.00	
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is								Ť	1,000.00	
					r fraction thereof.	c mediani).	THE ICE IS			
Total Sheets	I LOTAL STAGE I FYTA CHAGE			umber of each additional 50 or fraction thereof (round up to a whole number RATE			RATE			
53 - 100	=	/50 =			× \$250.00			1		
					claration later tha	ın 30 mont	hs	\$		
CLAIN		ed priority date NUMBER			(0)). MBER EXTRA	l F	ATE	╁		
Total cla	-		20 =		WELL EXTITUTE	×	<u> </u>	s	0.00	
Independent	claims	2	- 3 =			×		\$	0.00	
MULTIPLE D	EPENDE	NT CLAIM(s)	(if applic	able)		+		\$		
				TC	TAL OF ABOVE	CALCUL	ATIONS =	\$	1,000.00	
Applica	nt claims	small entity sta	tus. See	37 CF	R 1.27. Fees abo	ve are redu	uced by 1/2.	\$		
						SUE	STOTAL =	\$	1,000.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).										
TOTAL NATIONAL FEE = \$ 1,000.00										
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +										
TOTAL FEES ENCLOSED =							\$	1,040.00		
					•				mount to be funded:	\$
									mount to be narged:	\$
a. A check in the amount of \$ to cover the above fees is enclosed.										
b. X PI	ease cha	arge my Depos	sit Accou	ınt No.	. 18-194	45 i	n the amoun	t of	\$ 1,040.00	
l _to	cover th	e above fees.	A duplic	ate co	opy of this sheet is	s enclosed				
c. x The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any										
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card										
information should not be included on this form. Provide credit card information and authorization on PTO-2038.										
					CFR 1.495 has no ional Application			o rev	rive (37 CFR 1.137 (a)	or (b))
SEND ALL CORRESPONDENCE TO:										
	Matthew P. Vincent SIGNATURE:								Notes and ISE IS	
ROPES &							Ha	alstead, Ph.D.		
One International Place NAME Boston, Massachusetts 02110-2624										
(617) 951-7739 44.735										
CUSTOMER NUMBER: 28120 REGI					STRATION					
L										

Application No. (if known): Not Yet Assigned

Attorney Docket No.: CKFW-P01-012

Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV520562281US in an envelope addressed to:

> MS PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

on	March 23, 2005						
	Date						

many and Signa	dne				
<i>JO</i> Signa	ture				
Mary Jane DiPalma					
Typed or printed name of person signing Certificate					
Registration Number, if applicable	Telephone Number				

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Transmittal Letter to the United States Designated-Elected Office (2

pages) Preliminary Amendment (7 pages)

Second copy of published International Application (54 pages)

Application Data Sheet (4 pages)

Oath or declaration of the inventor(s) (5 pages)

Recordation Form Cover Sheet and Assignment (4 pages)

IDS and PTO form SB/08 (3 pages)

Copy of International Search Report from P&T/GB2003/004208 (4 pages)

Cited References (4)

Charge \$1,040.00 to deposit account 18-1945

This Certificate of Express Mail (1 page)

Return Receipt Postcard